

Cardiac Arrest Management
Maine EMS Integrated Practical Exam
for
First Responder and EMT-Basic

Station #1
General Information

Objective:

Each student must demonstrate cardiac arrest management, including the use of a semi-automatic defibrillator (AED), and ensuring effective CPR.

Equipment:

- ✓ Station score sheets (*Cardiac Arrest Management/AED*)
- ✓ Adult CPR manikin
- ✓ Blanket
- ✓ Alcohol wipes
- ✓ AED with batteries and rhythm generator
- ✓ Extra batteries for AED
- ✓ Individual Face Shields
- ✓ Manikin cleaning materials

Personnel:

1. Practical Test Assistant knowledgeable/proficient in Maine EMS standards for Cardiac Life Support
2. Bystander rescuer (Practical Test Assistant may function in this role, if necessary)

Procedure:

Each student must demonstrate cardiac arrest scene management including AED use. In addition the student must ensure CPR and ventilatory support for the patient.

Time

The time allowed for this station is 10 minutes. Start timing the student after all instructions and scenarios (if applicable) are explained and the student has indicated that he or she is ready to begin. Stop timing the station when the student indicates he or she has finished the skill. Do not count the time between each skill when you are explaining the next skill to perform or when explaining a new scenario.

Skill Sheet Completion

The Practical Test Assistant will complete the following NREMT skill sheet as part of this station:

- Cardiac Arrest Management/AED

To complete the skill sheets:

- Fill-in the “Start Time”, “Stop Time”, “Date”, Student’s Name “ (i.e. the student’s name) and “Evaluator’s Name” (i.e. the Practical Test Assistant’s Name)
- Fill-in the “Points Awarded” section of each skill task. If the student performs the task, award the point. If the student fails to complete the task, enter “0” in the “Points Awarded” box
- Make a note at the bottom or on the reverse side of the sheet indicating why the point was not awarded for each task that the student fails to perform. The note should include what the student did or did not do and why the point was not awarded
- Use the Critical Skills Section at the bottom of the skill sheet to note any missed critical skills. Each missed critical skill deducts 3 points from the “top” score.
- Total the numbers at the “top”, then deduct (missed) critical skill points from the “top” number; this is the student’s final score for the station.
- Circle the final score and sign your name at the bottom of the skill sheet.
- Return the skill sheet to the assignment area coordinator as directed by the IC.
- Send the student back to the assignment area coordinator

Reminders

- ✓ Don't teach or lead students.
- ✓ Do not ask additional knowledge questions.
- ✓ Students are generally nervous. Please attempt to create a relaxed atmosphere.
- ✓ Students who make and correct mistakes on their own should not be penalized for the (self-corrected) mistake.
- ✓ All tasks that the student failed to perform must have a specific explanation written on the bottom or reverse of the skill sheet on which the task appears.
- ✓ Do not discuss the skill station or outcome of the skill examination. Refer all questions regarding student performance or outcome of the skill examination to the Instructor Coordinator.

Cardiac Arrest Management

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Station #1 Practical Test Assistant Instructions

Introduction:

1. Introduce yourself to the student.
2. Fill in the student and evaluator information on the exam skill sheet(s).
3. Read the following to the student (for station based exams):

"This is the Cardiac Arrest Management station. At this station you will demonstrate scene management of a cardiac arrest situation, including the use of a semi-automatic defibrillator (AED). You may review the equipment present prior beginning the exam, and may ask questions regarding the AED if you are unfamiliar with the model used in the examination process.

You will have 10 minutes to complete this station. When you are ready to begin, please tell me and I will indicate that the exam has started and I will begin timing you. When you complete each skill, tell me that you are finished. I will notify you when you have no other skills to perform at this station. At that time, I will complete your skill sheet and return it to you. You'll then return it to the assignment area coordinator."

(Note for Practical Test Assistants: If the student does not tell you that he or she is finished performing a skill, after a reasonable time ask the student "Have you finished performing the skill". Do not ask such questions as "Is there anything else you'd like to do" or "Are you sure you've completed all of the tasks?" Once the student indicates that he or she has completed the skill, move onto the next skill or, if the student has had the opportunity to perform all of the required skills, inform the student that the skill station has concluded, total and circle the total points awarded on the skill sheet, sign the skill sheet and give it to the student, instructing him or her to return the skill sheet immediately to the Assignment Area Coordinator.)

Procedure

1. When the student is ready, read the following scenario:
"You are called to the scene of a man down. The dispatcher indicates that CPR is in progress"
(Note: The Bystander rescuer will perform CPR and take direction from the student.)
2. Observe the student's performance carefully. Do not ask other CPR or AED questions.

Completing the Exam Process

1. Fill-in the "Start Time", "Stop Time", "Date", Student's Name " (i.e. the student's name) and "Evaluator's Name" (i.e. the Practical Test Assistant's Name)
2. Fill-in the "Points Awarded" section of each skill task. If the student performs the task, award the point. If the student fails to complete the task, enter "0" in the "Points Awarded" box

3. Make a note at the bottom or on the reverse side of the sheet indicating why the point was not awarded for each task that the student fails to perform. The note should include what the student did or did not do and why the point was not awarded
4. Use the Critical Skills Section at the bottom of the skill sheet to note any missed critical skills. Each missed critical skill deducts 3 points from the “top” score.
5. Total the numbers at the “top”, then deduct (missed) critical skill points from the “top” number; this is the student’s final score for the station.
6. Circle the final score and sign your name at the bottom of the skill sheet.
7. Return the skill sheet to the assignment area coordinator as directed by the IC.
8. Send the student back to the assignment area coordinator